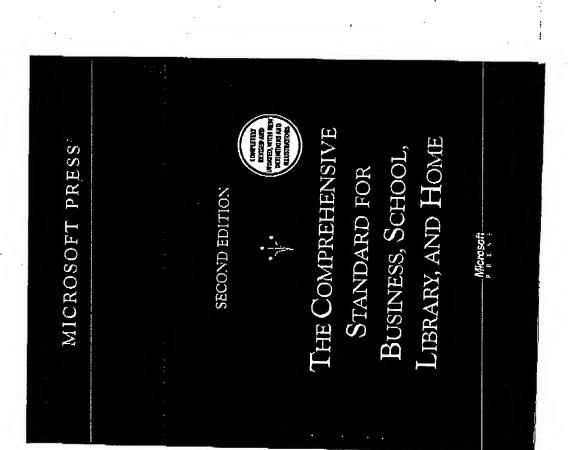
APPENDIX

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Equivalense and conversion tables for thirsty, of climal, herachectural, and octal are in Appendix of Company blang, herachectural.

OPM See onlying eduporest manufactures; office embrandon The use of electronic and communications derives noch as computers, one specific dan tem second visitin a known ser.
Segment of commony as affect in used to elifter
introporcesson from many layers per at the legic finite of the segment the firm is bestood. Blages
affect is subtract or string. The known sink is the
fifth one from the bostom.

Withoutself Residy to use, packaged. The term Because octal works with multiples of 3 this than in personal computing, where beraterinal or base-16, sultanette is far more withspread dens, and far mechines as well as any associated software to perform office functions mechanisynonymous with being eather physically discon-nected or shut down. A platter, for example, can be offine (temporarily discograged) yet still be 4, 8, 16, 32, and so on, oreal is more often courbered in miniscomponers and metalites only rather than nounselly. offline. The state in which a dexice OUT on he di-Sfrom the right is OU and and

Istin octs, meming, eight, the system, constitute of the clights i

gis arcan follows.	Bhary Gotel	0	~	•			10	
טולחונ מציפו ול	Bharry	600	8	8	5	Ħ	97	ì

0	DOI	7 000	63	100	101	110	,	Thus the birthy mumber 01010001 can be di	wided into groups of 3 bits, starting from the stehe	sud adding an cana Oat the left, as 001 arong?	Converted to octal (denumber become 172 at	though, as this example shows north months.	Can book like decinal purabens abrices the can be a different	because of the different mendage sectored	each murber position. In decimal notation, for	
											•					

por de la composition della co

Force and object is an integrate of a dissertion can be used as a wealth's in a program, in nome object used as a wealth's in a program, in nome object of an article of the state of the program, in nome object of the objects of the

is terroted as a discrete outly. See also abuted dan type, module, object code, object-oriented In graphics, a disduct culty. For example, a bouncing ball might be an object to a graphics

ing and illustration programs, describe an image mathematically as a set of lastocchase for creat-ing the objects in the tange. This approach con-nacts with bit anapped graphites, the other which

(CPU), but it can also be seconday bargoage source code or a varieties of machine code. Coro-pare source code, see also assembly bargoage, proorted by the system's central processing war

the onput of a compiler or as assembler and the hypurfer a finare. So also objects code.

Deput for a finare. So also objects code.

Deput for a finare. So also objects of the C objects of the

spinest language for the NeXI system. See also

adjective applied to any sive

dock fits (pales of a compount by the number that) that a parioular instruction consumes. Sostweethen suits. The essentment of types of the structions considined first program, such iss essign-ment treavertions, mechanistral (Ronting-pains on transfeld the incorporate, control instructions, index-

might be used to guide a user through the often complex process of seating up an application for a particular combination of machine, princer, and medium or in memory. An institution program

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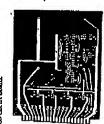
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britanomotica to perform a pentrolar task. At one-freel, a computer condition of a single chrolip or another, it conting of hundreds of takeron.

exerted chruits.

chruit analyzen Any device for measuring one
of more characteristics of an cheartest (most.
Vollage, current, and resistance are the characterietts most commonly measured. Oscilleccopes
and multimerers are chroit analyzen. circuit board A flat pirce of incubating material noch so tway or phenolic neath, on which elec-nical components are mounted and intercon-attend to from a circuit. See the illustration, Most

madern droat boards we paint no of copper foil to increasment the components. The first layers may be on one or both rides of the beauthant, the more aformed decigue, in everal layers with the board. A printed clock board is one in which the potent of copper fail is hid down by a print-ing process and as photofillography. Jee aftro-pationed clock board.



which is typicably caused by component failure.
Clicult breakers are often used in pieze of luns
because they made daily to be reset eather then
stylared. Complementing processing.
clocult cond. Sectionth board.

drout breaker A worth that opens and one off the flow of current when the current encoods a censia level. Goods bossisess are placed at ords od podite in dreaths to proper applies domage that could result from excessive conent flow

nicutions litro, so through the rek phone system, by creding a physical link between the lesining run exceeding prafts. In circuit switching, the contrasted on its rase at a synchring occue, which physically connects the two parties and masterial attraction that has any masterial attraction of the forest and masterial and open fare between them to a strong as needed. Circuit softching to spitcally used in modern communications on the fishing solephone me-work, and it is strovered on a same for scale in pri-vately making the communications active risk.

Compare message subtribing, peaker subtribing efectuals Tax & yeps of Brited or chained list the whole processing continues, and after, through all them and archaes to the surface point, no man tra where that point is becaused in the for. The other

processor tendential in tending, genera, por processor tendential control of an opping at a crash seed when an application is copy-protected and cannot be criptled by anomal operating-spatem commands. Such installed in protection operating-spatem commands. Such installed in protection operating-spatem commands. Such installed in protection operating spatem protection of the same facilities of the coher manchine failure of the coher manchine failure of the same translitum program. The coher matchine operating spatem of the coher matchine general and on the coher matchine general and the same translitum program. The protection of the pr

CSC Pronounced \*Lisk\*, abbone/aftion for complet brouncing set computing, a plante deadlelig 8 mocesson dist uses compleralisationing at
the easy proceeding landing facet. The histoarchois at
the very proceeding landing and chamels and
facults was not callulating such chamels and
facults was not callulating such chamels are
memory addresses. All this completing wealth re
quite many check cycles to execute each lannotion. Compare 8150.

com available to order paras of the program) that the districtives any member (tollocal) of the class Program classes are comparable inconzepton the types of pige-ordinels people use, other subcrack-clushy, to expude incomparation of the miller comparable being the entropies assessed, together and memorit, which other the physical world. Like program classes, such categories other ways three objects they contain and the ways three objects between the editinion of classes in object-oriented programming is comparable in the object-oriented programming is comparable in teed campay that describes a group of more spe-cife is ema, called objects, that can entir within it. A cleas is a directlythe tool ored in a program to Orline a set all stuffwars or a set of review (sechira-coloned programming is comparable to the definition of types in bagoages such as Cand

the first before, and so on. Brushing the Instruction make of typical programs is useful to designers
of central processing unite (CE12) became incide
them which fortunations about be submitted to
yield the grantest speech Emiliarly, knowledge of
instruction entries is useful to people designing
benchmarks became it emiliar the designing
benchmarks became it emiliar the designing
benchmarks became it emiliar to ediffer an
orable fourthmeths retrast to real areas.

Instruction englitzer A register 6 annel highspeech manopy derived that holds the sudrees of
the near this needs to be executed.

The section are it is set of marithme instructions
of that a montprocessor to continue from the contraction are it is set of marithme instruction
of that a montprocessor recognizes and can conour. An instruction set includes low-level, deepsize-dime instruction, and it as and, submerc,
multiple, and dubthe. They an incomposessor thas in
even furnations as in programming languages as well. an instruction from memory. Instruction thrus is the fine half of an instruction cycle, the second half being the exerction (translate and exercise) Seadorasemble, introcode.
Instruction time Abbueviated John. The num
ber of chock tible (pulses of a computer's internatimes) that a microprocessor sequires to seaden

zantitire, object.

presenter veriable in object-oriented programming, a veriable suredend; while no object which is no literator of the no object, which is no literator or of the chass of the veriable, when each instruce of the chas has its own only of the veriable. See also day, in rance, object object-oriented programming.

Plastuckine in divict-oriented programming:

or certe an instruct of a class. Are also class, in-

instruction An action statement in any computer highway. Graction, exemply, high-level, ed. though most offen used with reference to assemby linguage programs. Must programs can be broken down into two types of stransents in spructions and dockentoms. See also declaration,

gazze instruction, ar the transcriba tool, which typically contains a code latinifying the type of

instruction counter. Sekutourden register. Instruction cycle. The passes in which a nimoprocessor settleves sa tuanocian from memory, decodes it, and carries it out. An instruction cycle hatroction code. See operation code.

stoizion. Olitzo cziled ooncondomu, Any mite-rial dist lo a Very poor conductor of cleanicky.

ordance in object ordanistic programming, no ob-fert. For compule, if you define a cleas called fait and when cares (allocate money fro a lot of the for called mylist, you've cereisd an industrie of the cleas fait. Sen also ciest, trustance variable, in-

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